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UTILITY **PATENT APPLICATION TRANSMITTAL**

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Attorney Docket No.	PAZ-190		ဝ

First Inventor	Michael N.	Alekshun

METHODS FOR PREVENTING AND TREATING MICROBIAL INFECTIONS BY MODULATING

(Only for new nonprovisional applications under 37 CFR 1.53(b))	TRANSCRIPTION FACTORS						
	ss Mail Label No. EV 355386468 US						
APPLICATION ELEMENTS	MS Patent Application Commissioner for Patents P.O. Box 1450						
See MPEP chapter 600 concerning utility patent application contents.	Alexandria, VA 22313-1450						
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 140] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 14] 5. Oath or Declaration [Total Sheets] a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	the state of the s						
6. X Application Data Sheet. See 37 CFR 1.76	17. Other:						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.							
	ONDENCE ADDRESS						
X Customer Number or Bar Code Label	00959 or X Correspondence address below						
Name LAHIVE & COCKFIELD, LLP Elizabeth A. Hanley							
Address 28 State Street	28 State Street						
City Boston State	MA Zip Code 02109						
Country US Telephone	(617) 227-7400 Fax (617) 742-4214						
Name (Print/Type) Megan E, Williams, Ph.D. Registration No. (Attorney/Agent) 43,270							
Signature Date June 24, 2003							

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 355386468 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 24, 2003

Signature:

(Megan E. Williams)



PTO/SB/17 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL for FY 2003 Effective 01/01/2003, Patent fees are subject to annual revision.		Complete if Known					
		Application Number			er NEW APPLICATION		
					Concurrently Herewith	Concurrently Herewith	
				Inver	ntor Michael N. Alekshun		
Enecuve 01/01/2003, Patent fees are subject to annual revision.					Not Yet Assigned		
Applicant claims small entity status. See 37 CFR 1.27		Art Unit			N/A		
TOTAL AMOUNT OF PAYMENT (\$) 2,316.00		Attorn	ey Do	cket No	o. PAZ-190		
METHOD OF PAYMENT (check all that apply)				FEE	CALCULATION (continued)	_	
Check Credit Money Other None	3. A	DDITIO	ONAL	FEES			
X Deposit Account							
Deposit 12 0000	Large Fee	e Entity Fee	Small Fee	Entity Fee	_		
Account Number 12-0080	Code	(\$)	Code	(\$)	Fee Description Fee Pa	id	
Deposit Account Lahive & Cockfield, LLP	1051	130	2051	65	Surcharge – late filing fee or oath		
Name The Director is hereby authorized to: (check all that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.		
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English specification	\dashv	
X Charge any additional fee(s) during the pendency of this	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	\exists	
		920*	1804	920*	Requesting publication of SIR prior to		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1,840*	1805	1.840*	Examiner action Requesting publication of SIR after	_	
FEE CALCULATION		110	2251	55	Examiner action Extension for reply within first month	\dashv	
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month		
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month		
Fee Fee Fee Fee <u>Fee Description</u> Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month		
Code (\$) Code (\$)	1255	1,970	2255	985	Extension for reply within fifth month	ᅥ	
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Appeal	\exists	
1003 520 2003 260 Plant filing fee	1402		2402	160	Filing a brief in support of an appeal	╡	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
		110	2452	55	Petition to revive – unavoidable		
SUBTOTAL (1) (\$) 750.00	1453	1,300	2453	650	Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)		
Extra Fee from Claims below Fee Paid	1502	470	2502	235	Design issue fee	-	
Total Claims 51 -20** = 31 x 18.00 = 558.00	1503	630	2503	315	Plant issue fee		
Independent 15 -3** = 12 x 84.00 = 1,008.00	1460	130	1460	130	Petitions to the Commissioner		
Claims 10 0 112 x 104.00 14.00 15.00		50	1807	50	Processing fee under 37 CFR 1.17(q)		
	1806	180	1806	180	Submission of Information Disclosure Stmt	┪	
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Description	8021	40	8021	40	Recording each patent assignment per	ᅱ	
Code (\$) Code (\$)	1				property (times number of properties) Filing a submission after final rejection	\dashv	
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	(37 CFR 1.129(a))		
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))		
1204 84 2204 42 ** Reissue independent claims	1801	750	2801	375	Request for Continued Examination (RCE)		
over original patent	1802	900	1802	900	Request for expedited examination of a design application		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		Other fee (specify)					
SUBTOTAL (2) (\$) 1,566.00	*Red	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00				00	
**or number previously paid, if greater; For Reissues, see above	<u> </u>					_	
SUBMITTED BY	tration No			Complete (if applicable)	_		
Name (Print/Type) Megan E. Williams, Ph.D. Re				3,270	Telephone (617) 227-7400		
Signature May FW					Date June 24, 2003		

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Dated: June 24, 2003

(Megan E. Williams)